

ARKANSAS STATE PLANT BOARD

P.O. Box 1069
Little Rock, AR 72203

APPLICATION FOR CERTIFIED STRAWBERRY PLANT INSPECTION

(Application must be made at least 10 days before inspection is desired, preferably before September 1, and must be accompanied by application fee of \$50.00, plus \$8.00 for each acre; or, \$2.00 for each 1/4 acre.)

I hereby apply for inspection of a total of _____ acres of strawberry plants located _____ miles in a direction from _____ (town). Best way to reach my fields is as follows:

Variety	Acres	Grade Set	From Whom Obtained Name & Address	Month & Year Plants Were Set

YES NO

Do any of these fields receive drainage water from another strawberry field?			If so, please indicate on sketch on back of sheet.
Are any of these fields grown for you by contract growers?			If so, attach a copy of the contract to the application, signed by you and the contract grower.

Give distance to nearest strawberries from your field: _____

Any person applying for certification on a variety planted from a source other than his own production must submit with his application a copy of the invoice and a tag from one of the containers, which will establish quantity and grade of the planting stock.

Contract growers must pay application fee, plus acreage fee.

Grower: _____ Phone #: _____

Mailing Address: _____

Physical Address: _____

By: _____ Date: _____

Application Fee \$ **50.00**
 Acreage Inspection Fee \$ _____
 Out-of-State Shipment Tags
 Quantity: _____ X 0.15 =
 (Must order in multiples of 6) \$ _____
TOTAL \$ _____

PLANT INDUSTRY DIVISION
ARKANSAS STATE PLANT BOARD
#1 Natural Resources Drive
Little Rock, AR 72205

STRAWBERRY PLANT CERTIFICATION

- I. **Eligibility of Varieties for Certification.** Those varieties approved by State Plant Board in cooperation with the University of Arkansas, Division of Agriculture, will be eligible for certification.
- II. **Grades for Certification.** Five grades shall be recognized for certification as follows:
- a. Nuclear Stock: Produced only by the Department of Plant Pathology of Arkansas Agricultural Experiment Station from plants which are indexed annually for virus freedom and grown only in screenhouses and under conditions which will maintain the stock at maximum freedom from disease.
 - b. Foundation Stock (White Tag) - Requirements:
 - i. Foundation Grade plants may be produced only by growers approved by the Plant Board. Approval will be contingent upon the land, equipment and experience possessed by the applicant.
 - ii. Foundation Grade plants must be grown from Nuclear Stock produced by the Department of Plant Pathology.
 - iii. Plants must be located at least one-half mile from any uncertified strawberry planting. Foundation Grade plants must be separated from Registered or Certified grades by at least 100 feet. Spacing between varieties must be adequate to prevent varietal mixture.
 - iv. Ground must not have been used to grow strawberries within past 5 years.
 - v. Ground must be at least one mile from any area known to be infested with the red stele disease pathogen.
 - vi. Ground must be fumigated with 2# Methyl Bromide per 100 square feet under Plant Board supervision, no later than November 1 preceding planting season.
 - vii. Intention to produce Foundation Grade must be registered with the Plant Board no later than September 1 preceding planting season to allow time for supervision of soil fumigation.
 - viii. Fungicidal sprays must be applied as necessary during growing season to keep Leaf Spot within allowable tolerance.
 - ix. Foundation Grade plants must be produced primarily for increase by the grower and not for sale. This grade must not be advertised or catalogued for sale.
 - x. **Inspections:** Same as for Registered Stock.
 - xi. Pest and Variety Tolerances: See Table 1.

c. Registered Stock (Purple Tag) - Requirements:

- i. Plants used to produce Registered Stock must be Foundation Stock.
- ii. Plants must be located so that they are at least one-half mile from any other strawberry planting. (Exceptions: Planting may be adjacent to another Certified Stock (Blue Tag or Green Tag) planting, providing there is at least a 30-foot space left between different grades and at least a 10- foot space left between varieties of the same grade to give adequate separation.) NOTE: Both 10 feet and 30 feet spacing requirement refers to center of last row of one variety to center of first row of another variety.
- iii. Ground must not have been used to grow strawberries within past three years. Ground must be at least one mile from any area known to be infested with red stele disease pathogen.
- iv. **Inspections:**
 1. June inspection for diseases which are likely to appear at this time of year, such as June yellows and spring dwarf.
 2. September inspection for diseases appearing at this time of nematode. This inspection will be made between September 1 and October 31. Inspectors will dig and examine not less than 100 plants per acre, taking plants from not less than 15 places per acre, well distributed. Plants may be dug and shipped at any time following fall inspections up to March 1, after which a red stele inspection must be made before new certificates will be issued. Old certificates will be void as of last day of February.
 3. Red Stele Inspection: If fall-inspected and passed fields are not dug by March 1, another inspection must be made before they are sold, and if the plants are then found free of disease, new certificates will be issued which will be valid for the remainder of the shipping season, expiring June 30. Inspectors will dig and examine not less than 100 plants per acre, taking plants from a number of places well distributed. The location of places of digging plants shall be at the discretion of the inspector. He will make every effort to dig plants in areas where red stele is likely to be most evident. Plants will be examined by slicing several roots on each plant so that the stele of the root is exposed. Should even 1 plant show red stele, this will disqualify the entire field (suspected plants will be sent to the University of Arkansas Plant Pathology Department for confirmation).
- v. See Table 1 for strawberry pest and variety tolerances.
- vi. Growers who intend to produce Registered Stock must register their intentions with the State Plant Board not later than September 1.

d. Certified Stock (Blue Tag) - Requirements:

- i. Plants used to produce Blue Tag Stock must be Registered Stock.
- ii. Plantings must be located at least 300 yards from any other strawberry planting. (Exception: Planting may be adjacent to another certified Blue Tag planting, providing there is a 10 ft.-space left between varieties of the same grade to give adequate separation; planting may be adjacent to a Registered Stock or Green Tag planting,

providing there is at least a 30 ft.- space left between them to give adequate separation.)

NOTE: Both 10 ft. and 30 ft. spacing requirements refers to center of last row of one variety to center of first row of another variety.

- iii. Ground must not have been used to grow strawberries within past three years.
 - iv. Ground must be located at least one mile from any area known to be infested with the red stele pathogen.
 - v. **Inspections:** Same as for Registered Stock, including time of shipping.
 - vi. See Table 1 for strawberry pest and variety tolerances.
 - vii. Growers who intend to produce Blue Tag plants must register their intentions with State Plant Board not later than September 1.
- e. Certified Stock (Green Tag) - Requirements:
- i. Plants used to produce Green Tag Stock must be Blue Tag Stock.
 - ii. Plantings must be located at least 300 yards from any other strawberry planting. (Exception: Planting may be adjacent to another Certified Green Tag planting, providing there is at least a 10-foot space left between varieties of the same grade to give adequate separation; planting may be adjacent to a Registered Stock or Blue Tag plantings, providing there is at least a 30-foot space between different grades to give adequate separation.) **NOTE:** Both 10-foot and 30-foot spacing requirement refers to center of last row of one variety to center of first row of another variety.
 - iii. Ground must not have been used to grow strawberries within past three years.
 - iv. Ground must be located at least one mile from any area known to be infested with the red stele pathogen.
 - v. **Inspections:** Same as for Registered Stock, including time of shipping.
 - vi. See Table 1 for strawberry pest and variety tolerances.
 - vii. Growers who intend to produce Green Tag plants must register their intentions with State Plant Board not later than September 1.

III. **Table 1:** Pest & Variety Tolerances for Field Inspections

FACTOR	MAXIMUN PERMITTED IN EACH GRADE			
	Found	Reg	B.T.	G.T.
Root Knot Nematode				
Red Stele	0	0	0	0
Spring Dwarf (Nematode) 1.	0	0	0	0
Summer Dwarf (Nematode) 1.	0	0	0	0
June Yellows 2.	0	.1	.1	.2
Virus (except Aster Yellow)	0	0	0	0
Leaf Spot 3.	Trace	Trace	Trace	Trace
Crown Borer	0	.5	.5	1.0
Objectionable Noxious Weeds 4.	0	0	0	0
Other Varieties	0	0	0	.02

1. Where spring or summer dwarf is found at levels less than .1%, roguing is permitted. All diseased plants must be removed from the field.
2. Fields showing more than maximum tolerance allowed, up to 3%, grower will be permitted to rogue out diseased plants and ask for reinspection.
3. The inspector will determine at time of inspection whether he considers leaf spot present in excess.
4. Objectionable Noxious Weeds will be field bindweed, wild onion or wild garlic, nut grass and Johnson grass.

IV. **Sale of Certified Stock.** Foundation, Registered, Blue Tag, or Green Tag Grades must be packed in new containers. Each container must have official tag issued by State Plant Board fastened to outside.

V. **Filing Application.** Application blanks for certification of strawberries will be furnished by Plant Board. **Any person applying for certification on a variety planted from a source other than his own production, must submit with his application a copy of the invoice and a tag from one of the containers, which will establish quantity and grade of the planting stock.** Application should be made prior to September 1.

VI. **Fees.** Application fee \$25.00, plus \$2.00 for each 1/4 acre. These fees pay for all regular inspections for a one-year period, September 1 through August 31 inclusive. Reinspection fee is \$2.00 per acre when requested by grower. Certification tags or labels are 8 cents each.